

# Google Fiber City Checklist Installation Requirements – Lexington Responses

## Permitting

Google Fiber Request	Lexington Comments
We plan to submit all permit application material to you electronically.	Yes.
For underground construction, we plan on submitting plan view only.	Yes, additional information may be needed in high density utility areas.
All responses, including approvals, should be sent back to Google Fiber electronically.	Yes.
Permit applications will include the applicable area and the duration of at least one hundred and eighty (180) days to complete the proposed installation.	Any area disturbed during construction needs to be repaired within 21 days. Extensions may be made when reasonable cause is demonstrated. Information about lane and sidewalk closures must have specific time periods to keep the public informed, coordinate with other work, and address safety issues.
We would like the applicable area to be as large as possible, ideally covering the entire city. If not, the applicable area should be a minimum of either: <ul style="list-style-type: none"> <li>• twenty-thousand (20,000) households</li> <li>• three-hundred (300) route miles of underground installation.</li> </ul>	Yes, LFUCG would prefer the largest applicable area possible. Information regarding traffic impacts will need to be reported.
We are looking for a response within ten (10) days of submitting the permit application.	Yes, the ordinance specifies that a response must be given in 5 days.
If a permit application is not approved, we need to receive a detailed list of alterations needed to get the permit approved.	Yes, detailed feedback will be given on any denied permit.
The city should provide Permit Application communication through a single point of contact.	Yes.

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## Construction

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The preferred installation method may be shown on the plan view of the permit, but will be determined by field conditions at the time of construction.	Yes, installer will need to report changes as they are made.
Google Fiber will implement the city's standard traffic control plan at the time of installation of the Google Fiber network.	Yes. Typically, notice to the Division of Traffic Engineering is required 48 hours in advance of work, or demonstrated knowledge of the Manual of Uniform Traffic Control Devices (MUTCD) for temporary traffic controls.
The underground construction methods may include but are not limited to micro-trench, plow, open trench, directional bore and pneumatic bore.	Yes.
Twenty-four inch (24") horizontal separation from existing facilities will be maintained during installation, except where existing obstructions, underground congestion, or other reasons necessitate a lesser separation.	Yes.
Twelve inch (12") vertical separation from existing facilities will be maintained during installation, except where existing obstructions, underground congestion, or other reasons necessitate a lesser separation.	Yes.
Twenty-four (24") depth below existing grade will be maintained during installation, except where existing obstructions, underground congestion, or other reasons necessitate a shallower depth.	Yes.
When an open trench is utilized for construction in concrete or asphalt, a T-Cut method will be utilized for restoration, except where this method is not practicable.	Yes, #9 crushed stone or flowable fill backfill may be used.
A single, full sidewalk panel will be replaced when any portion of a sidewalk panel is impacted, except by potholing.	Yes.
Pothole restoration will be limited to the circular area directly impacted by potholing activity, including in sidewalk areas.	Yes.
We plan to maintain an as-built description of	Yes, installer should report as-built changes to

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changes required during the course of installation due to conditions on the ground. For proprietary reasons, Google Fiber will provide a PDF version of the plan view as-builts of the underground installation when required.	the plan as they are made.
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## Maintenance

Request	Lexington Comments
For Google Fiber maintenance work activities, Google Fiber will provide forty-eight (48) hours' electronic notice to the Right-of-Way Operator's maintenance department before commencing planned work	Yes, for maintenance authorized under the Annual General Permit. Installation work requires an application 10 days prior to commencing work. For work that requires lane blockage, the Division of Traffic Engineering should be informed as well.
Service wire to the home (drops) installation will be considered a maintenance activity.	Yes.